00ZTOT" 99506960

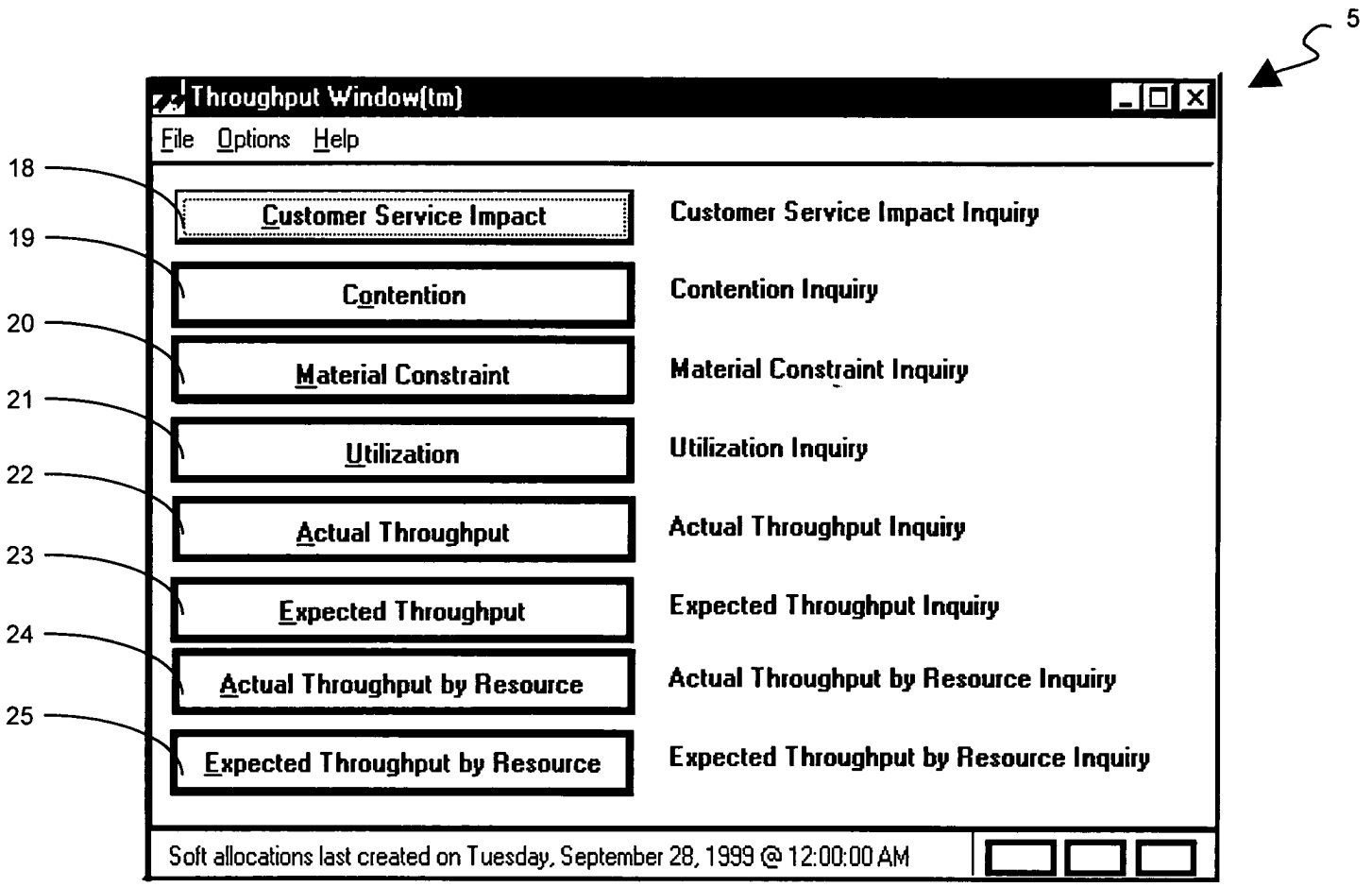


FIG. 1

DOCTOT" 99506960

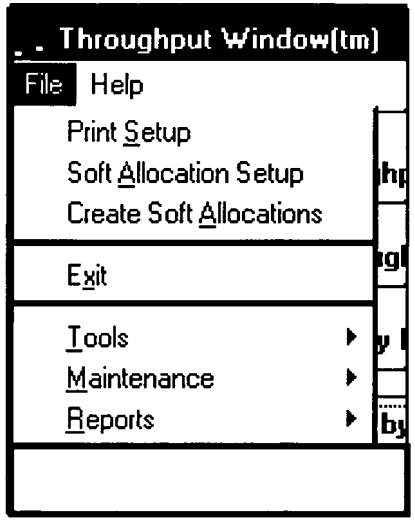


FIG. 2

SOFT ALLOCATIONS DATA TABLE

COLUMN	TYPE	SIZE	SCALE	DESCRIPTION
CUST_ORDER_ID	CHAR	15		ID OF CUSTOMER ORDER
CUST_ORDER_LINE_NO	SMALLINT			CUSTOMER ORDER LINE NUMBER
PART_ID	VARCHAR	30		PART ID, MIGHT BE NULL (LINKED COLI ONLY)
WO_BASE_ID	VARCHAR	30		WORK ORDER ID, MIGHT BE NULL (INDICATING INVENTORY AS SUPPLY SOURCE)
WO_LOT_ID	VARCHAR	3		WORK ORDER LOT ID, MIGHT BE NULL (INDICATING INVENTORY AS SUPPLY SOURCE)
WO_SPLIT_ID	VARCHAR	3		WORK ORDER SPLIT ID, MIGHT BE NULL (INDICATING INVENTORY AS SUPPLY SOURCE)
SUPPLY_DATE	TIMESTAMP	10		DATE OF SUPPLY
QUANTITY	DECIMAL	14	4	QUANTITY ALLOCATED TO THIS CUSTOMER ORD LINE ITEM FROM THIS SOURCE

FIG. 3

DOCTOT" 99506960

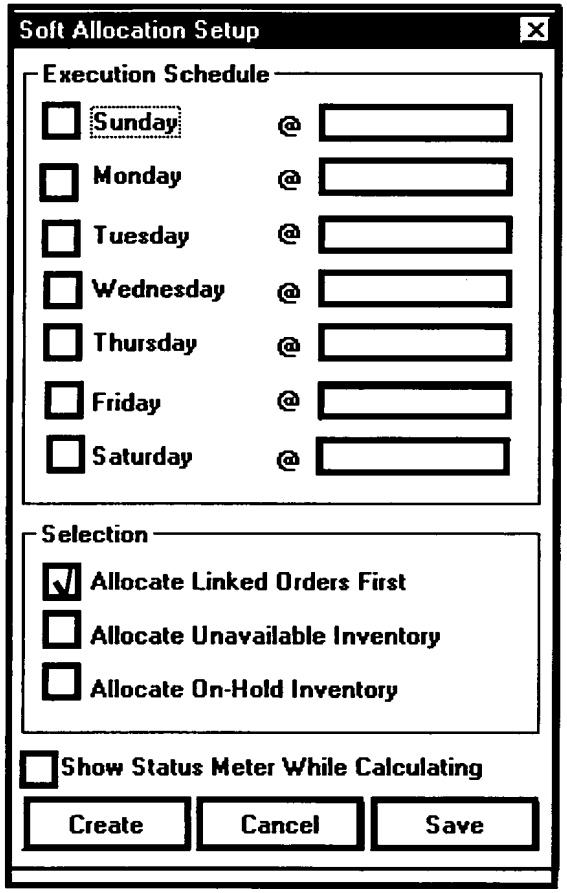


FIG. 4

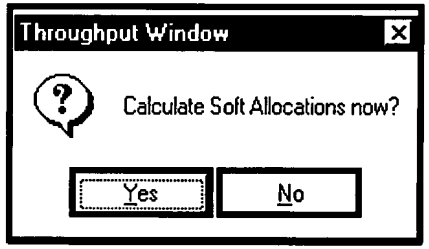


FIG. 5

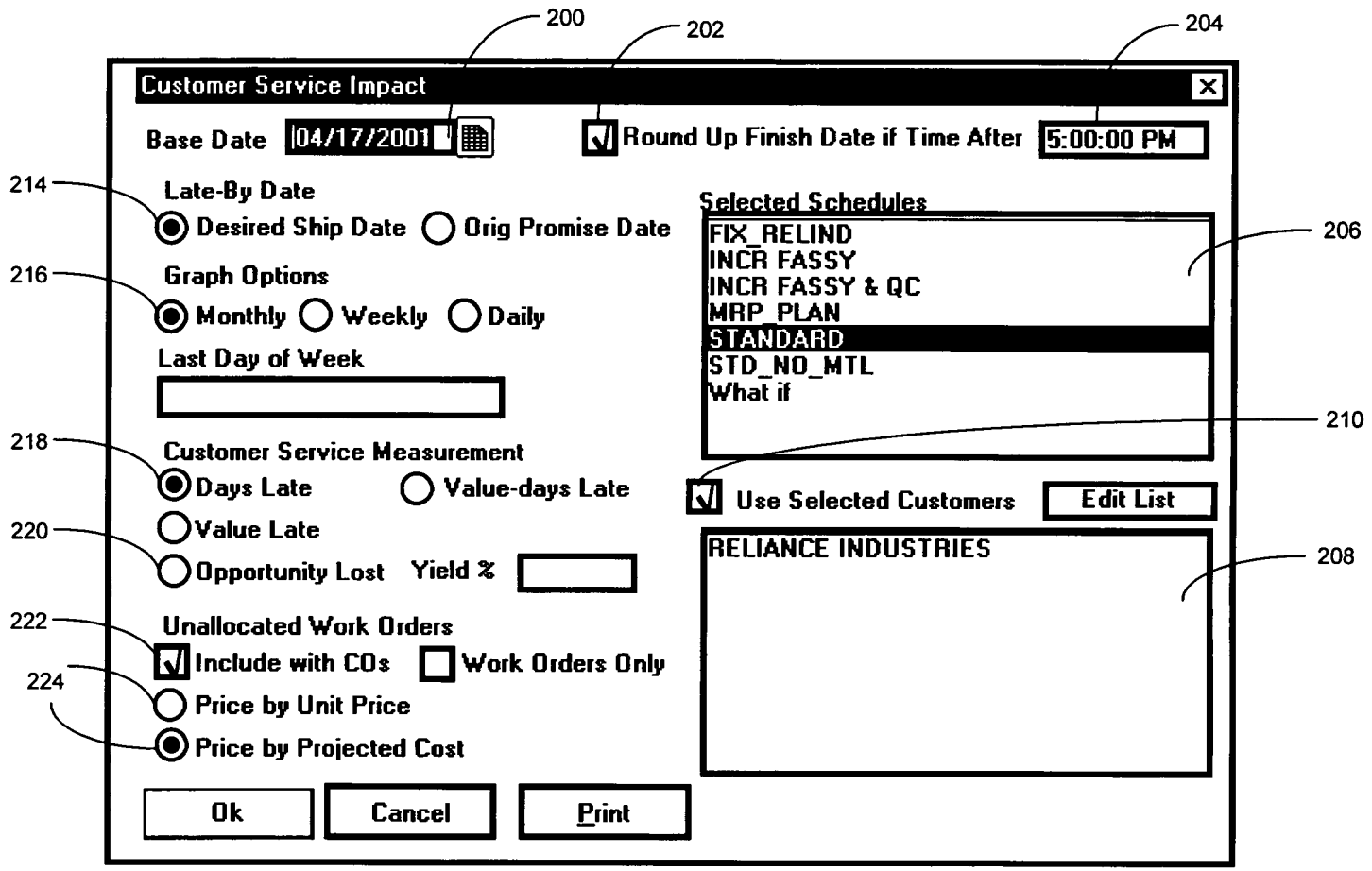

200
202
204
Customer Service Impact
Base Date
04/17/2001
Round Up Finish Date if Time After
5:00:00 PM
214
Late-By Date
Desired Ship Date
Orig Promise Date
216
Graph Options
Monthly
Weekly
Daily
Last Day of Week
218
Customer Service Measurement
Days Late
Value-days Late
Value Late
220
Opportunity Lost
Yield %
222
Unallocated Work Orders
Include with COs
Work Orders Only
224
Price by Unit Price
Price by Projected Cost
Selected Schedules
FIX_RELIND
INCR FASSY
INCR FASSY & QC
MRP_PLAN
STANDARD
STD_NO_MTL
What if
206
210
Use Selected Customers
Edit List
RELIANCE INDUSTRIES
208
Ok
Cancel
Print

FIG. 6

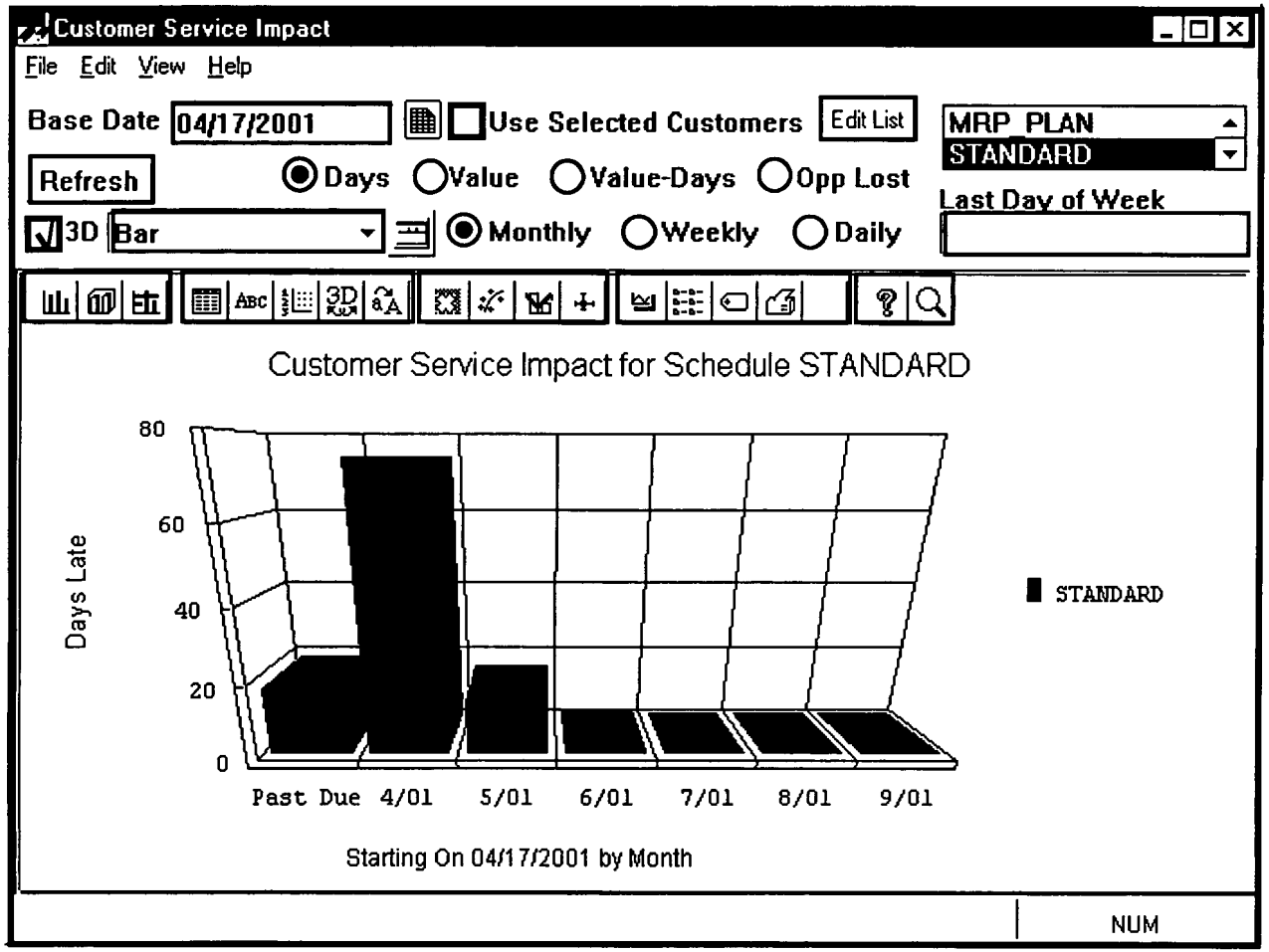

Customer Service Impact
File Edit View Help
Base Date 04/17/2001
Use Selected Customers
Edit List
MRP PLAN
STANDARD
Refresh
Days Value Value-Days Opp Lost
Last Day of Week
3D Bar
Monthly Weekly Daily
Customer Service Impact for Schedule STANDARD
Days Late
80
60
40
20
0
Past Due 4/01 5/01 6/01 7/01 8/01 9/01
STANDARD
Starting On 04/17/2001 by Month
NUM

FIG. 7

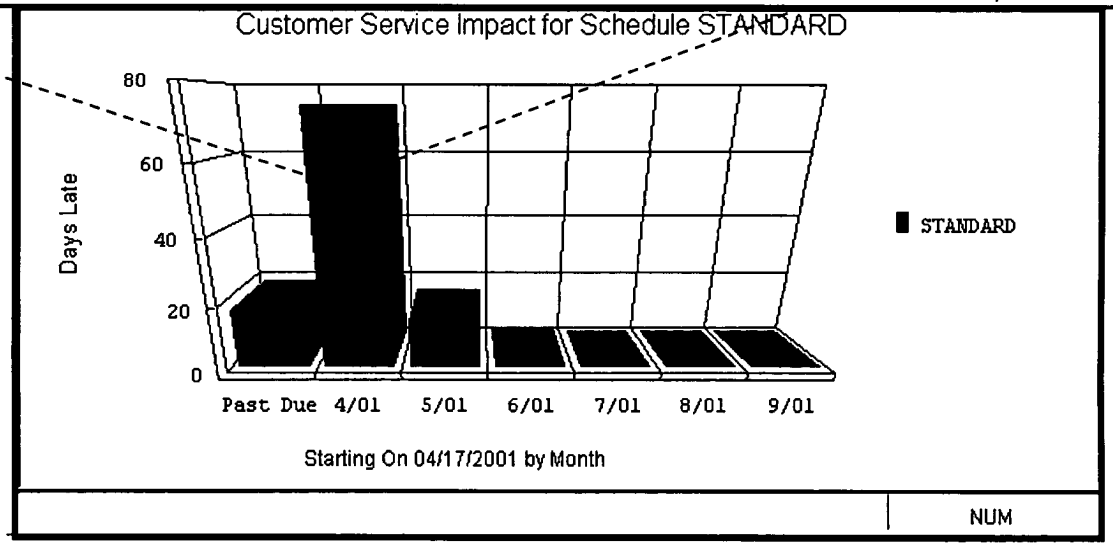
FIG. 8

Customer Service Impact Detail - [STANDARD 04/17/2001-04/30/2001]

File Edit Options Help

Customer Order	Customer Name	Part ID	Part Description	Unshipped Qty	Allocated Qty	Unit Price	Want Date	Work Order Schd Fin Date	Work Order ID	Days Late	Dollars Late	Dollar-D Late
02012/2	WINSLOW SE	MMT-19	WALL MOUNT	120	4	$120.00	04/18/2001	04/30/2001	40022/1	12.00	$367.20	$4,40
02012/2	WINSLOW SE	MMT-19	WALL MOUNT	120	70	$120.00	04/18/2001	04/20/2001	40033/1	2.00	$6,426.00	$12,85
02043/1	RELIANCE IND			18	18	$698.77	04/20/2001	04/26/2001	40048/1	6.00	$11,320.07	$67,92
02015/1	RELIANCE IND	MMT-19	DESK MODEL	90	58	$115.00	04/23/2001	04/24/2001	40036/1	1.00	$5,282.64	$5,28
02015/2	RELIANCE IND	MMT-19	WALL MOUNT	100	16	$120.00	04/23/2001	04/30/2001	40022/1	7.00	$1,520.64	$10,64
02015/2	RELIANCE IND	MMT-19	WALL MOUNT	100	50	$120.00	04/23/2001	05/02/2001	40034/1	9.00	$4,752.00	$42,76
02015/2	RELIANCE IND	MMT-19	WALL MOUNT	100	20	$120.00	04/23/2001	05/29/2001	40023/1	36.00	$1,900.80	$68,42
02040/1	CLEAR SKY IN			60	60	$350.00	04/30/2001	05/01/2001	40045/1	1.00	$21,000.00	$21,00
										74.00	$52,569.35	$233,30

Days = 74.00 Dollars = $52,569.35 Dollar-Days = $233,302.74 Opp Lost = $31.95 NUM



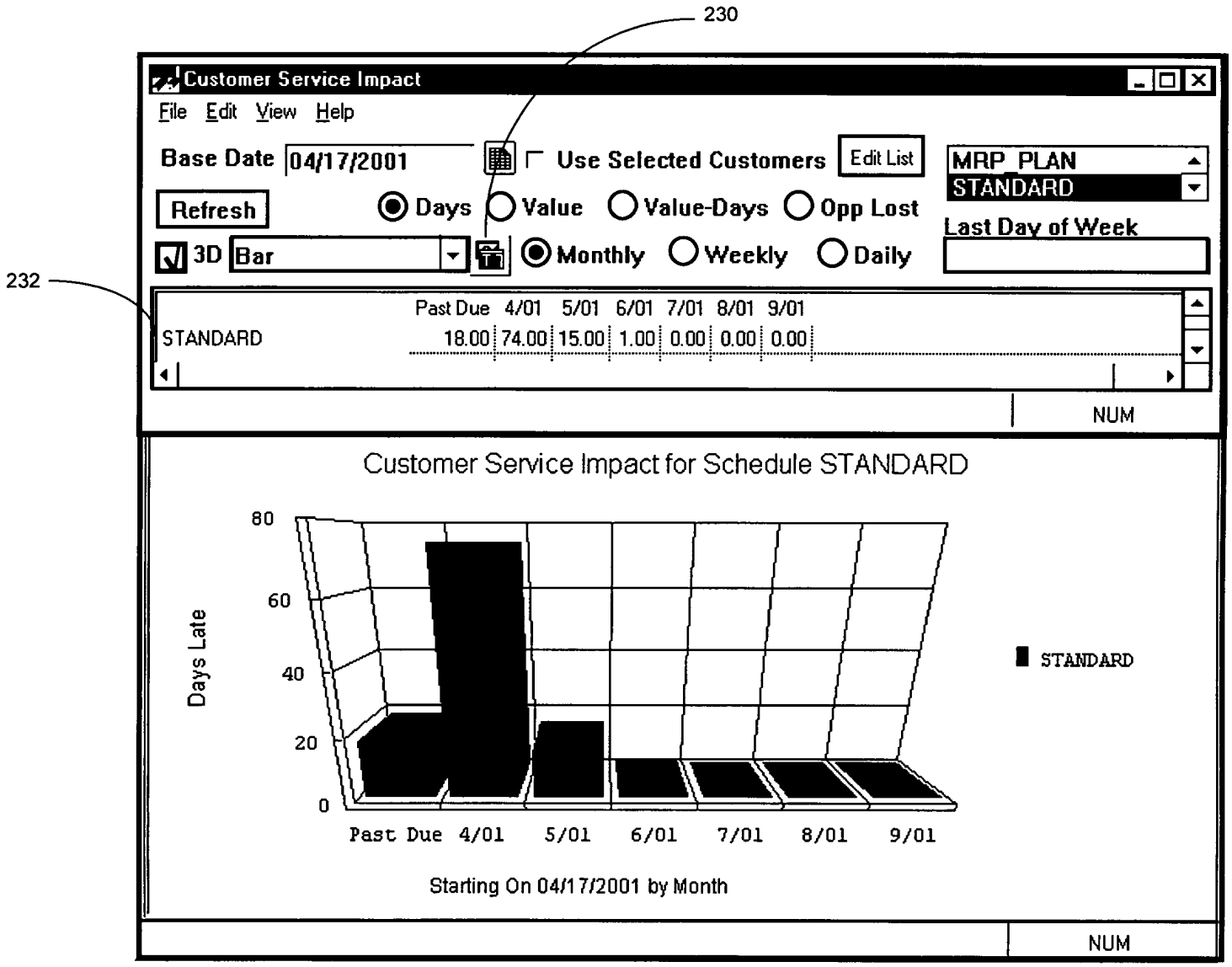

230
232
Customer Service Impact
File Edit View Help
Base Date 04/17/2001
Use Selected Customers
Edit List
MRP_PLAN
STANDARD
Refresh
Days Value Value-Days Opp Lost
Last Day of Week
3D Bar
Monthly Weekly Daily
Past Due 4/01 5/01 6/01 7/01 8/01 9/01
STANDARD 18.00 74.00 15.00 1.00 0.00 0.00 0.00
NUM
Customer Service Impact for Schedule STANDARD
Days Late
80
60
40
20
0
Past Due 4/01 5/01 6/01 7/01 8/01 9/01
STANDARD
Starting On 04/17/2001 by Month
NUM

FIG. 9

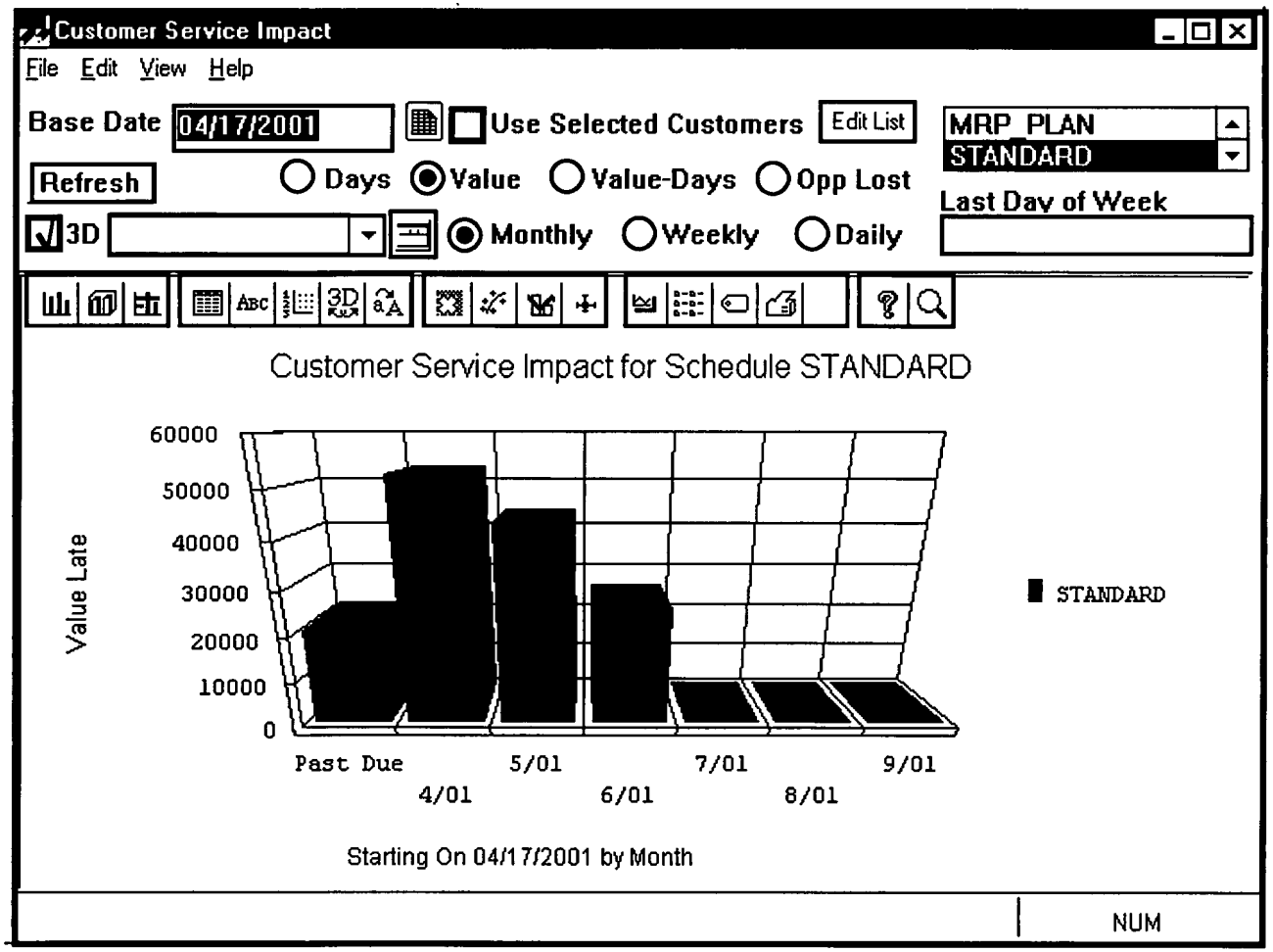

Customer Service Impact
File Edit View Help
Base Date 04/17/2001
Use Selected Customers
Edit List
MRP_PLAN
STANDARD
Refresh
Days
Value
Value-Days
Opp Lost
Last Day of Week
3D
Monthly
Weekly
Daily
Customer Service Impact for Schedule STANDARD
60000
50000
40000
30000
20000
10000
0
Value Late
Past Due
4/01
5/01
6/01
7/01
8/01
9/01
STANDARD
Starting On 04/17/2001 by Month
NUM

FIG. 10

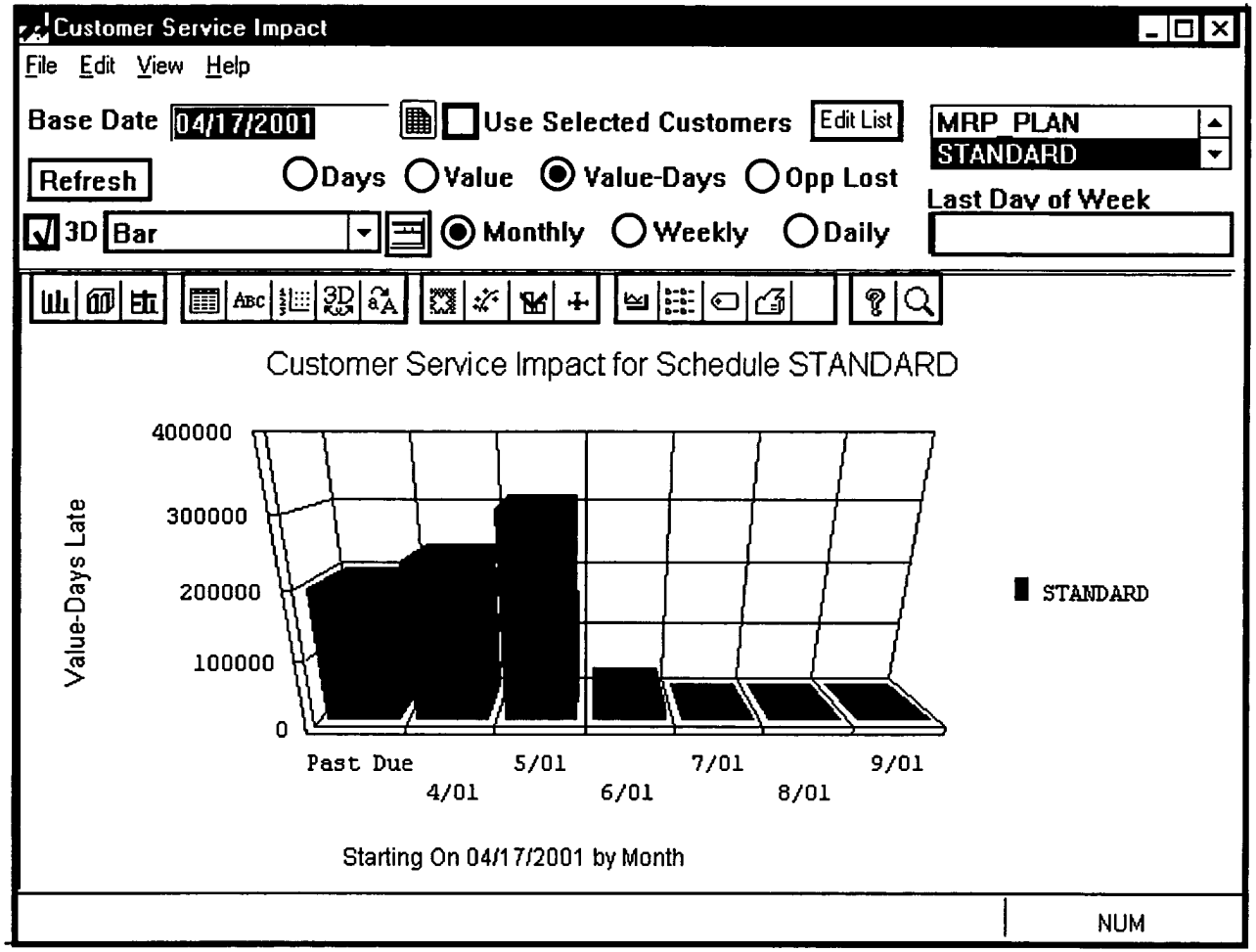

Customer Service Impact
File Edit View Help
Base Date 04/17/2001
Use Selected Customers
Edit List
MRP_PLAN
STANDARD
Refresh
Days Value Value-Days Opp Lost
Last Day of Week
3D Bar
Monthly Weekly Daily
Customer Service Impact for Schedule STANDARD
Value-Days Late
400000
300000
200000
100000
0
Past Due
4/01
5/01
6/01
7/01
8/01
9/01
STANDARD
Starting On 04/17/2001 by Month
NUM

FIG. 11

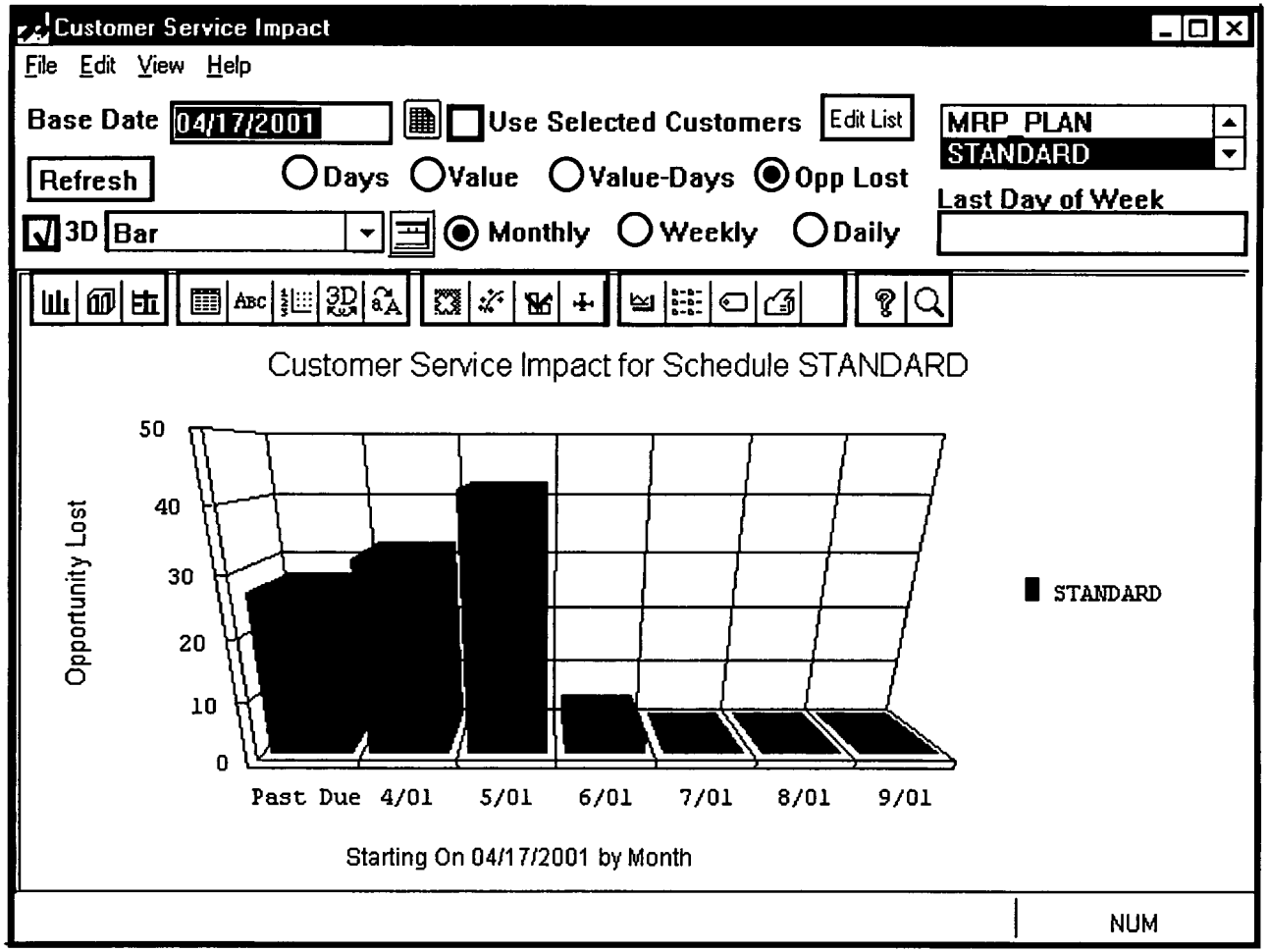

Customer Service Impact
File Edit View Help
Base Date 04/17/2001
Use Selected Customers
Edit List
MRP_PLAN
STANDARD
Refresh
Days Value Value-Days Opp Lost
Last Day of Week
3D Bar
Monthly Weekly Daily
Customer Service Impact for Schedule STANDARD
Opportunity Lost
50
40
30
20
10
0
Past Due 4/01 5/01 6/01 7/01 8/01 9/01
STANDARD
Starting On 04/17/2001 by Month
NUM

FIG. 12

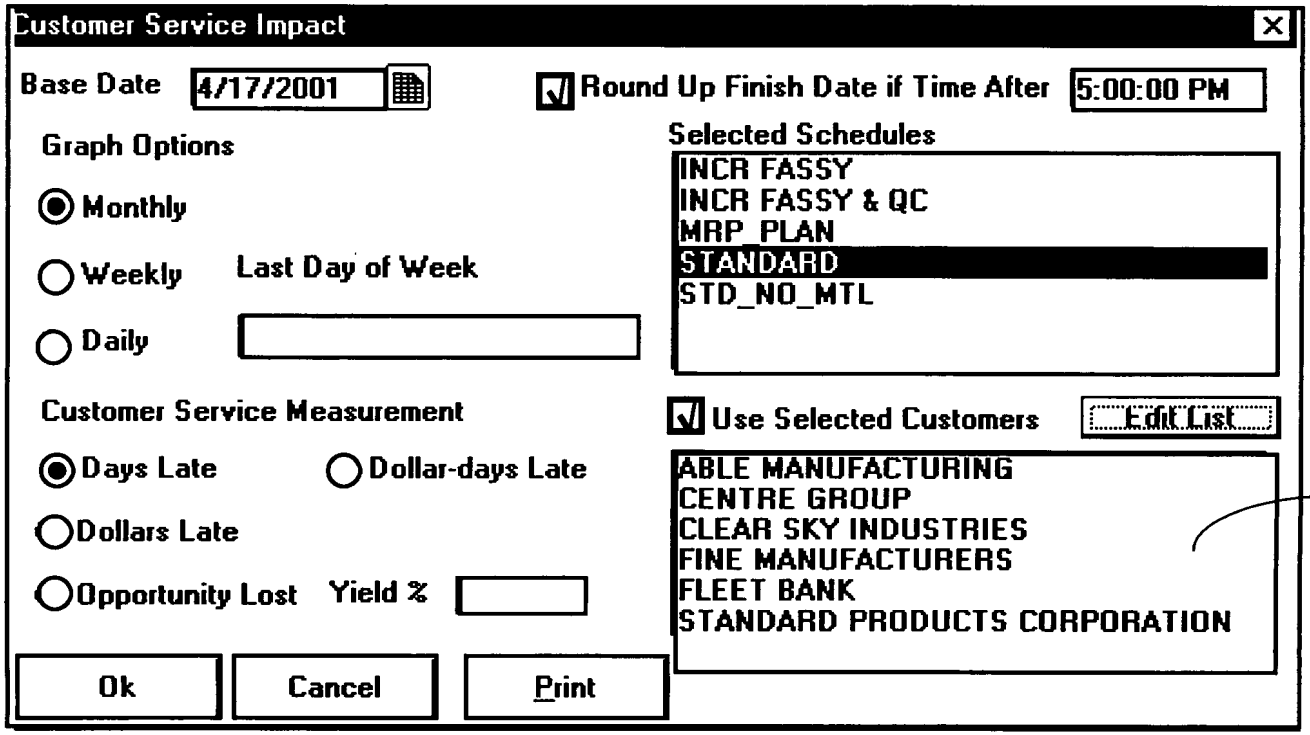

Customer Service Impact
Base Date
4/17/2001
Round Up Finish Date if Time After
5:00:00 PM
Graph Options
Monthly
Weekly
Last Day of Week
Daily
Selected Schedules
INCR FASSY
INCR FASSY & QC
MRP_PLAN
STANDARD
STD_NO_MTL
Customer Service Measurement
Days Late
Dollar-days Late
Dollars Late
Opportunity Lost
Yield %
Use Selected Customers
Edit List
ABLE MANUFACTURING
CENTRE GROUP
CLEAR SKY INDUSTRIES
FINE MANUFACTURERS
FLEET BANK
STANDARD PRODUCTS CORPORATION
250
Ok
Cancel
Print

FIG. 13

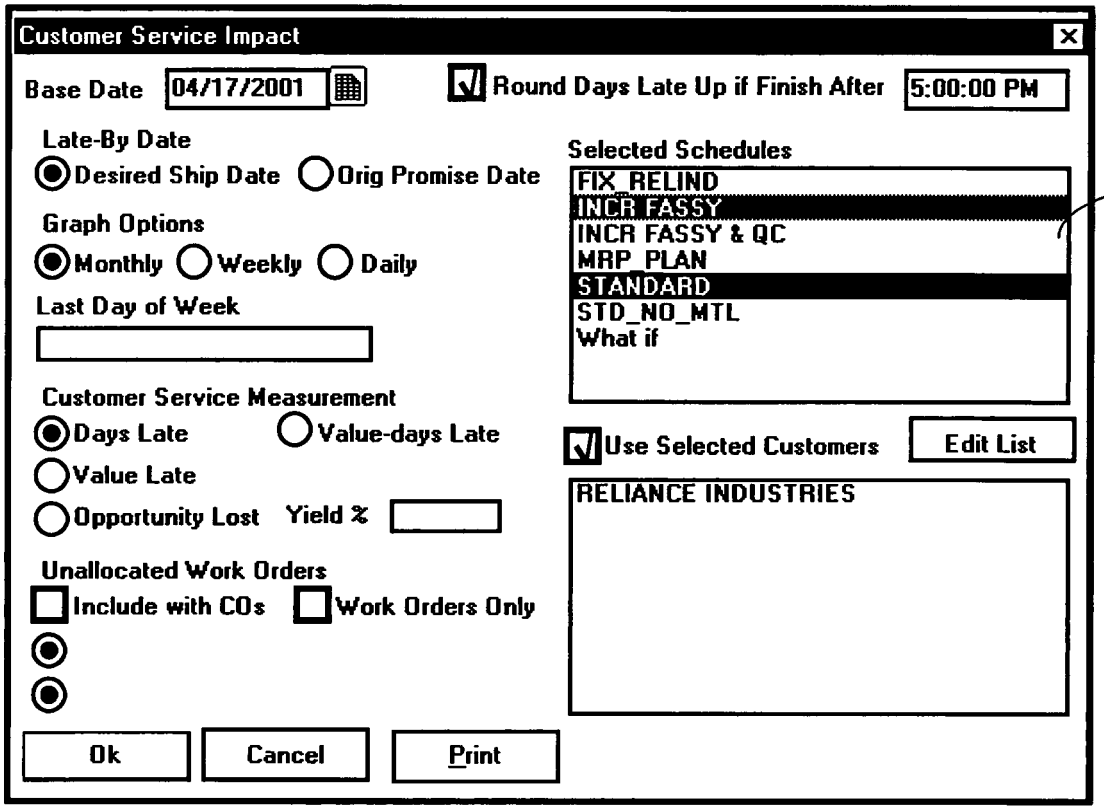

Customer Service Impact
Base Date
04/17/2001
Round Days Late Up if Finish After
5:00:00 PM
Late-By Date
Desired Ship Date
Orig Promise Date
Graph Options
Monthly
Weekly
Daily
Last Day of Week
Customer Service Measurement
Days Late
Value-days Late
Value Late
Opportunity Lost
Yield %
Unallocated Work Orders
Include with COs
Work Orders Only
Selected Schedules
FIX_RELIND
INCR FASSY
INCR FASSY & QC
MRP_PLAN
STANDARD
STD_NO_MTL
What if
250
Use Selected Customers
Edit List
RELIANCE INDUSTRIES
Ok
Cancel
Print

FIG. 14

00270F 99506960

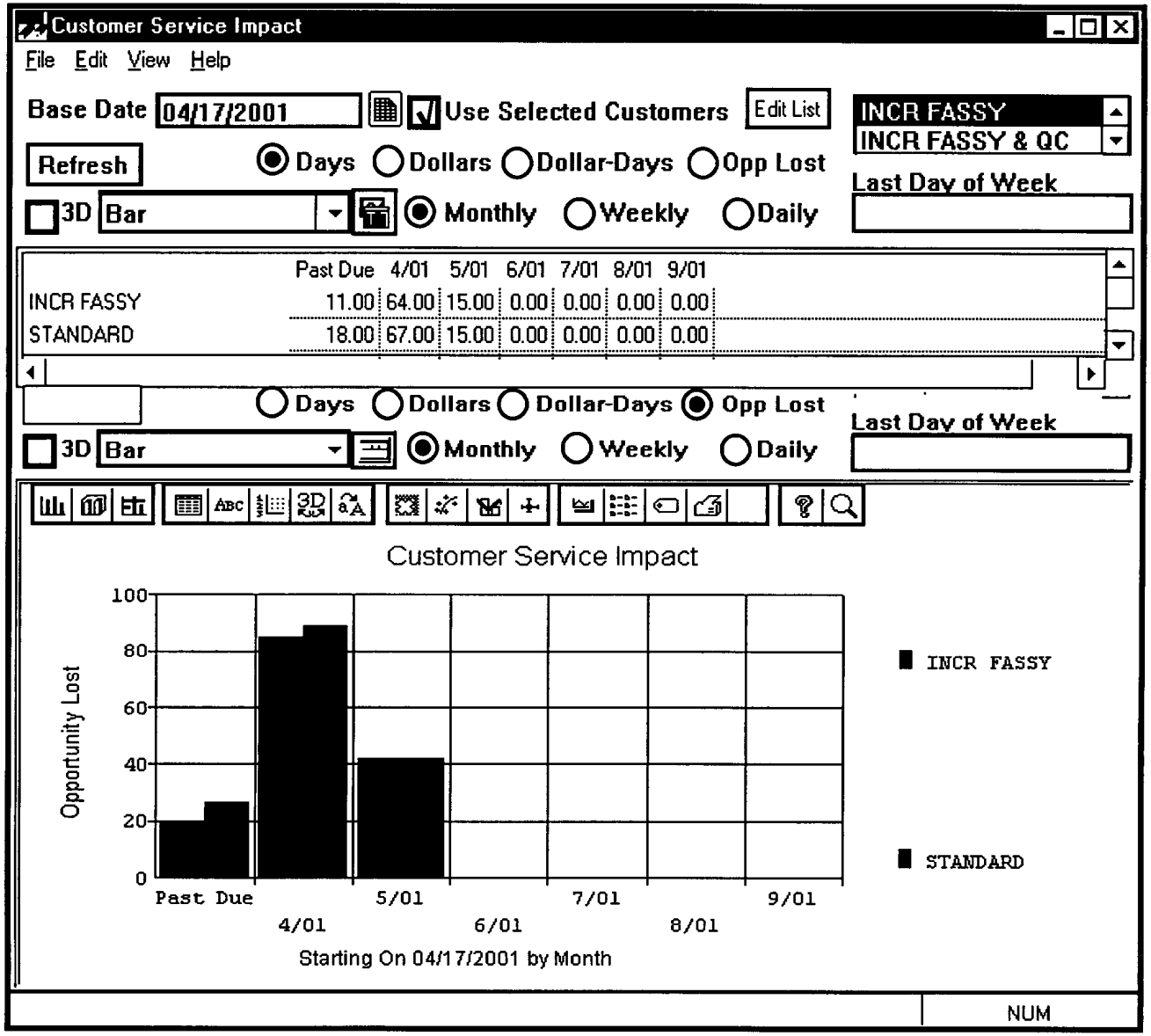


FIG. 15

00270T" 99506960

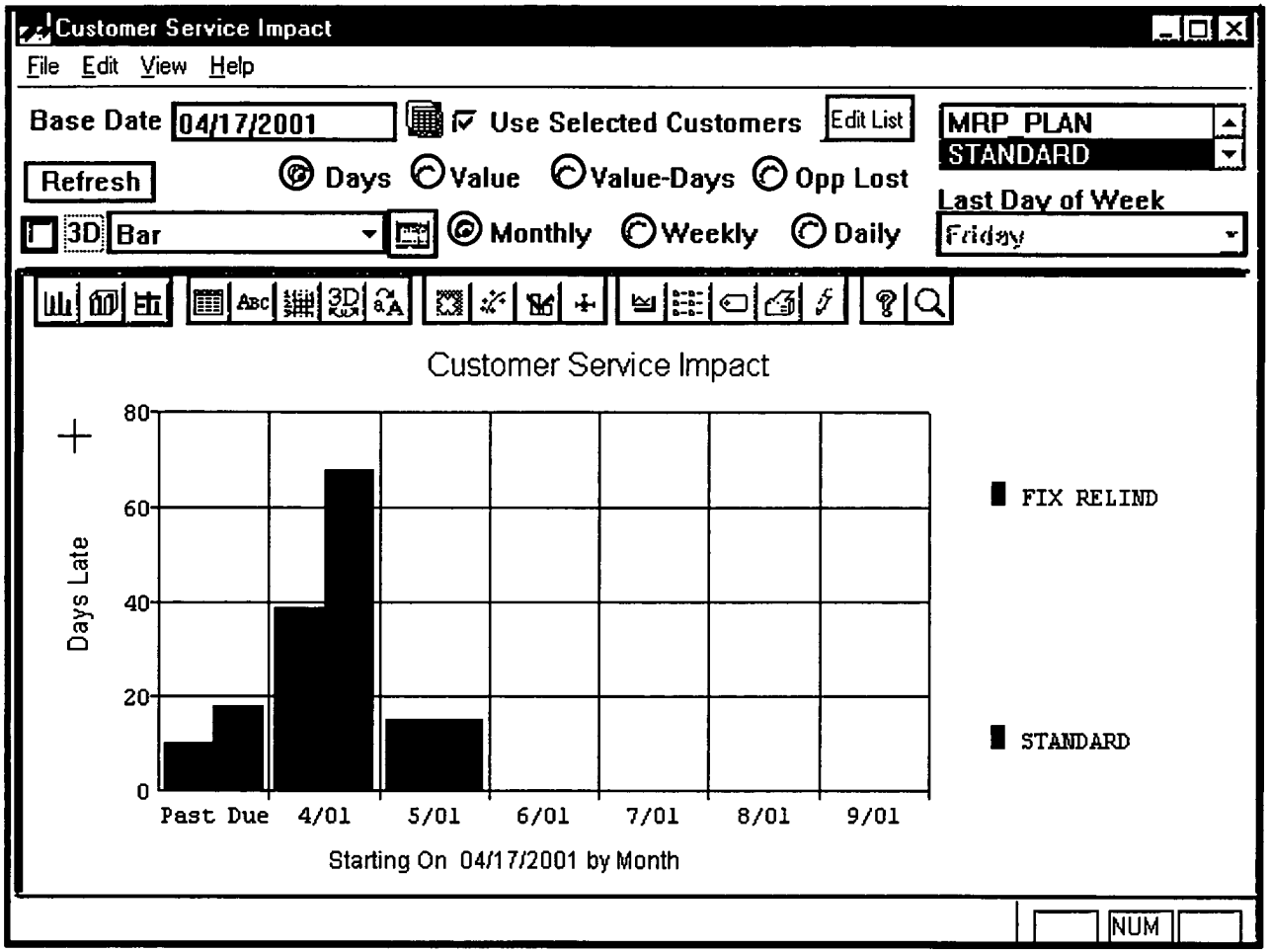


FIG. 16A

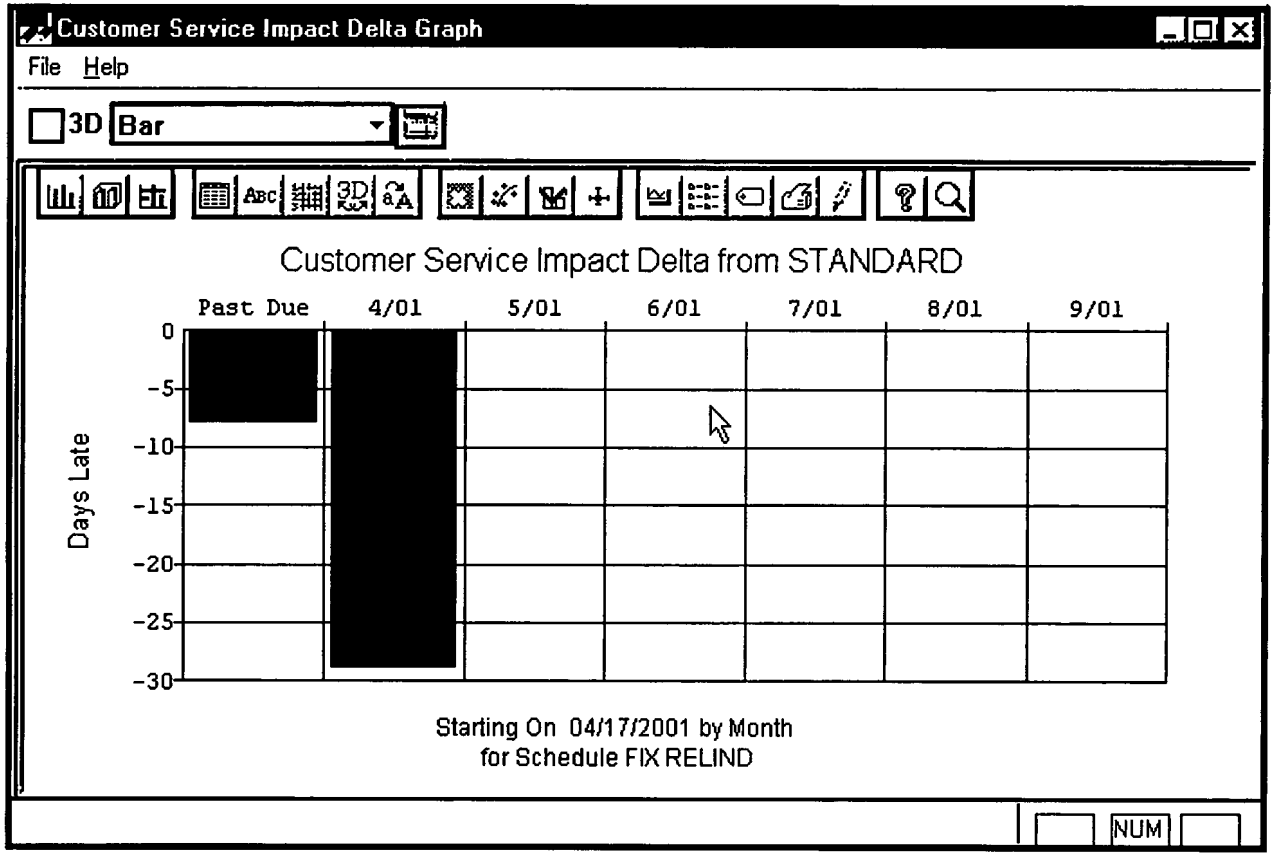

Customer Service Impact Delta Graph
File Help
3D Bar
Customer Service Impact Delta from STANDARD
Past Due
4/01
5/01
6/01
7/01
8/01
9/01
0
-5
-10
-15
-20
-25
-30
Days Late
Starting On 04/17/2001 by Month
for Schedule FIX RELIND
NUM

FIG. 16B

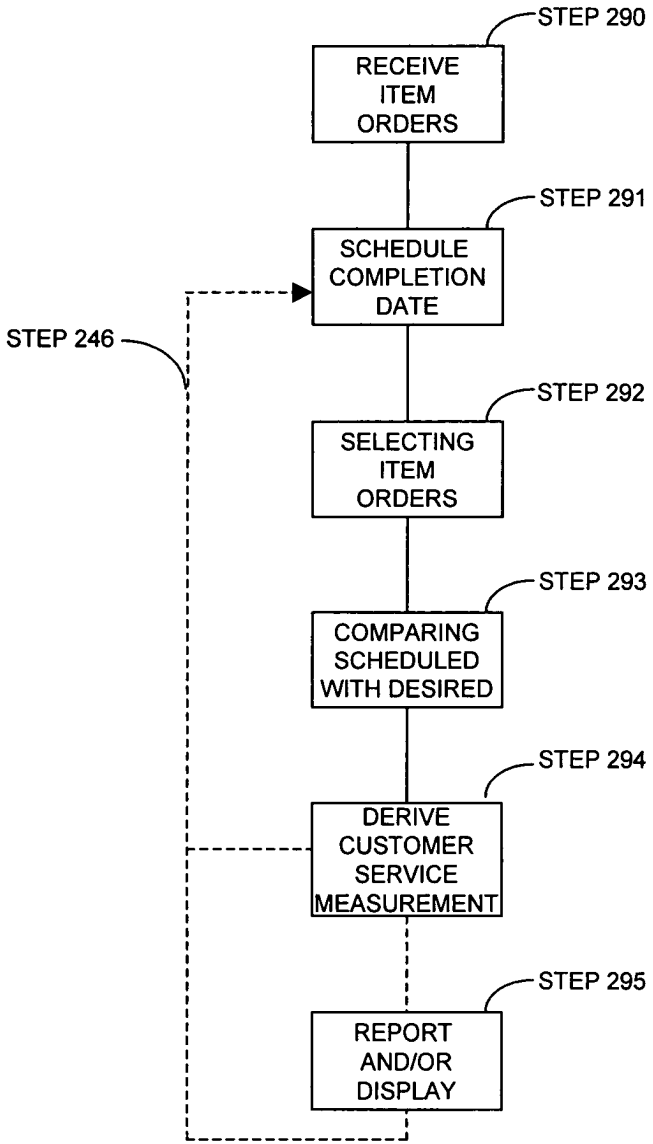

STEP 290
RECEIVE ITEM ORDERS
STEP 291
SCHEDULE COMPLETION DATE
STEP 246
STEP 292
SELECTING ITEM ORDERS
STEP 293
COMPARING SCHEDULED WITH DESIRED
STEP 294
DERIVE CUSTOMER SERVICE MEASUREMENT
STEP 295
REPORT AND/OR DISPLAY

FIG. 17

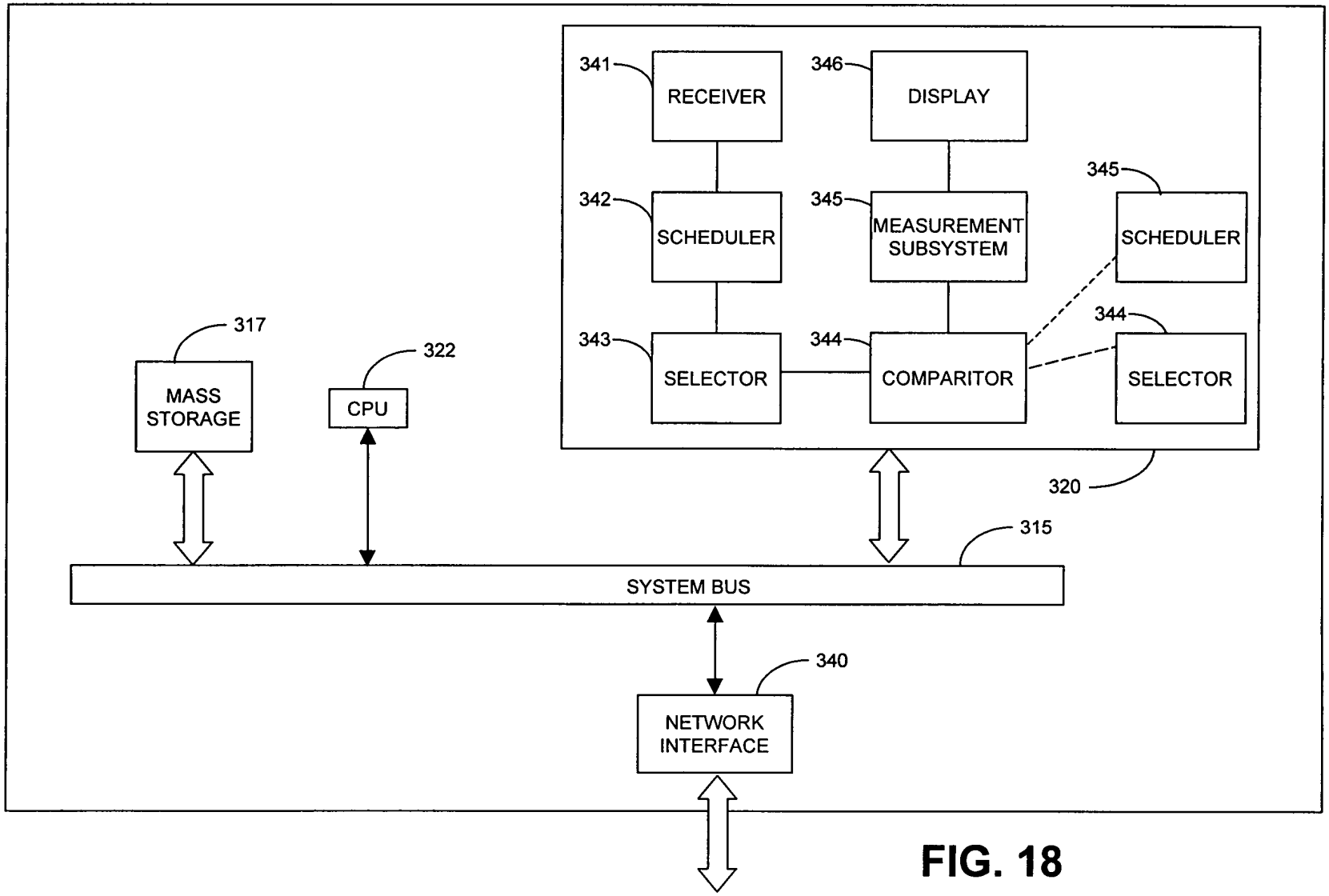

341
RECEIVER
346
DISPLAY
342
SCHEDULER
345
MEASUREMENT SUBSYSTEM
345
SCHEDULER
343
SELECTOR
344
COMPARITOR
344
SELECTOR
317
MASS STORAGE
322
CPU
320
315
SYSTEM BUS
340
NETWORK INTERFACE

FIG. 18

00ZTOT" 99506960

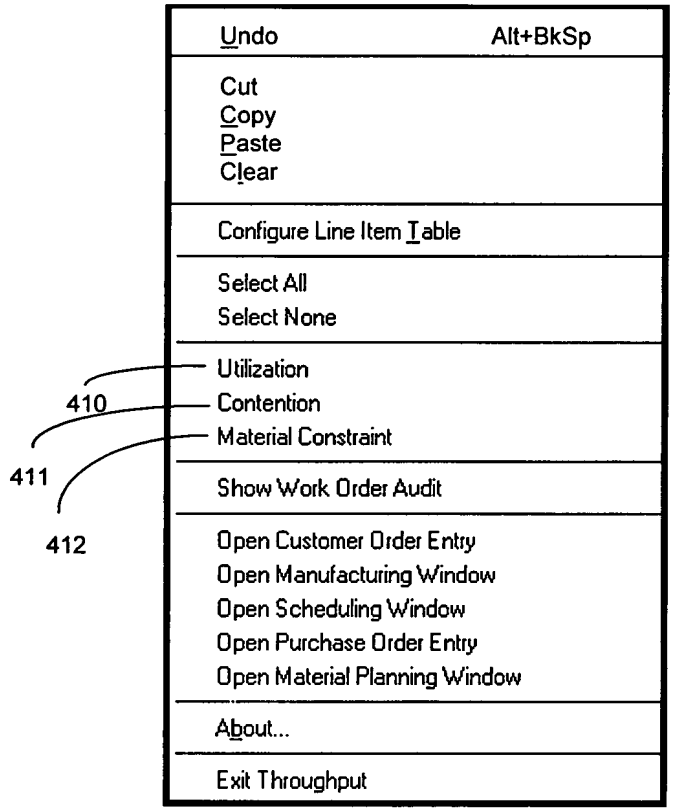


FIG. 19

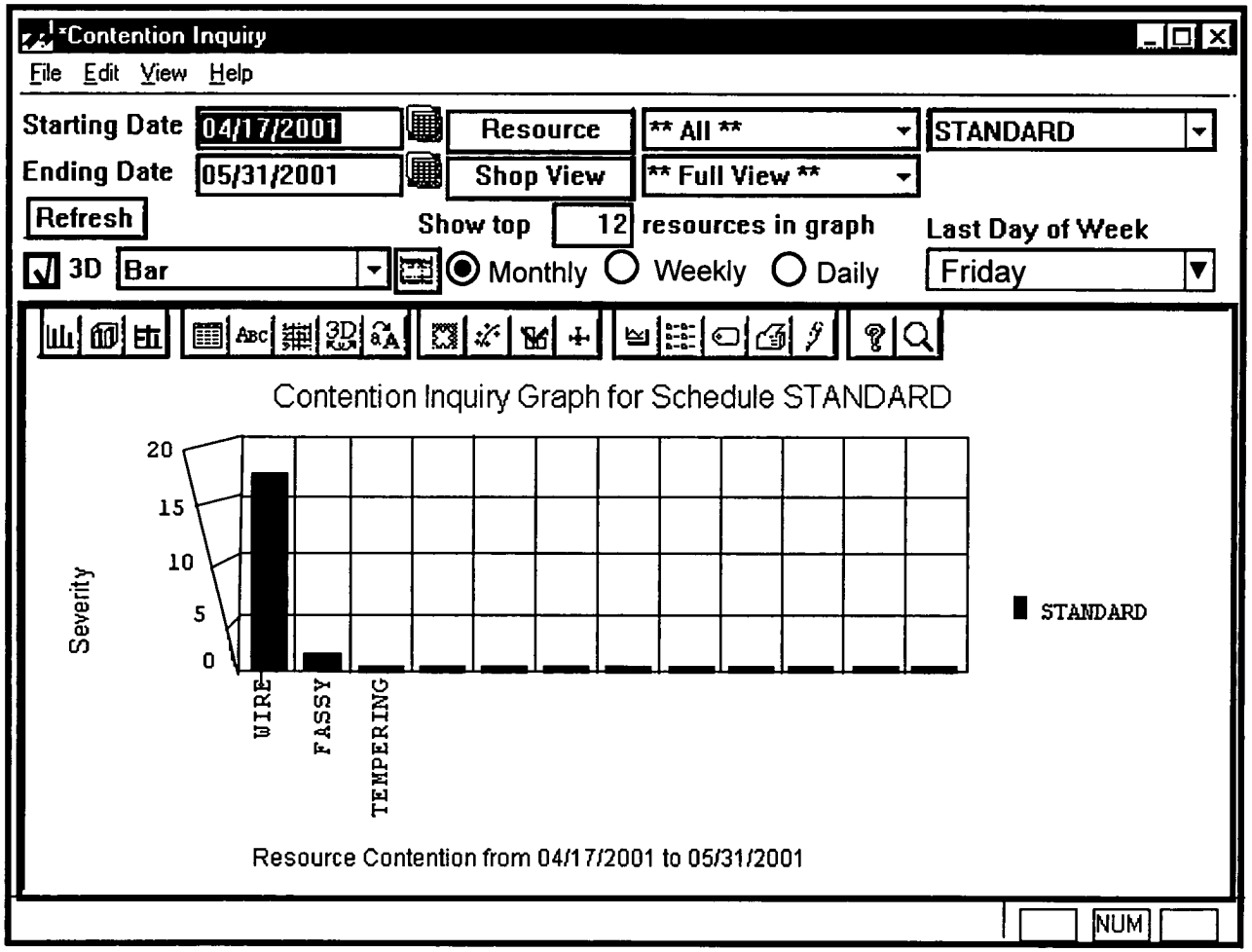

Contention Inquiry
File Edit View Help
Starting Date 04/17/2001
Ending Date 05/31/2001
Resource
** All **
STANDARD
Shop View
** Full View **
Refresh
Show top 12 resources in graph
Last Day of Week
3D
Bar
Monthly
Weekly
Daily
Friday
Contention Inquiry Graph for Schedule STANDARD
Severity
20
15
10
5
0
WIRE
FASSY
TEMPERING
STANDARD
Resource Contention from 04/17/2001 to 05/31/2001
NUM

FIG. 20

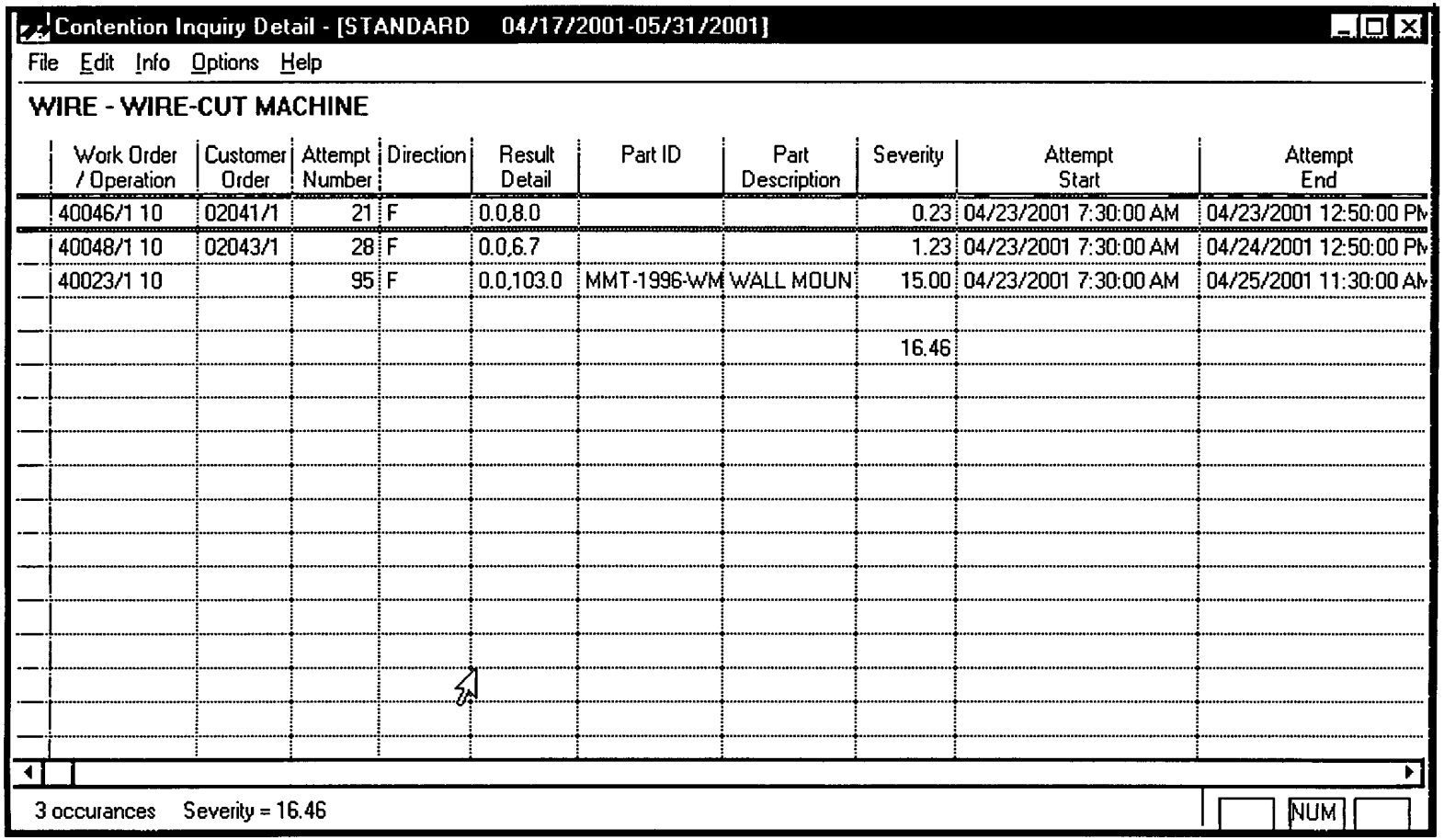

Contention Inquiry Detail - [STANDARD 04/17/2001-05/31/2001]
File Edit Info Options Help
WIRE - WIRE-CUT MACHINE
Work Order / Operation
Customer Order
Attempt Number
Direction
Result Detail
Part ID
Part Description
Severity
Attempt Start
Attempt End
40046/1 10 02041/1 21 F 0.0,8.0 0.23 04/23/2001 7:30:00 AM 04/23/2001 12:50:00 PM
40048/1 10 02043/1 28 F 0.0,6.7 1.23 04/23/2001 7:30:00 AM 04/24/2001 12:50:00 PM
40023/1 10 95 F 0.0,103.0 MMT-1996-WM WALL MOUN 15.00 04/23/2001 7:30:00 AM 04/25/2001 11:30:00 AM
16.46
3 occurances Severity = 16.46
NUM

FIG. 21